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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/092,709	03/07/2002	Susan Crouse-Kemp	13742.104	2530

24283 7590 10/04/2005

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EXAMINER	
WON, MICHAEL YOUNG	
ART UNIT	PAPER NUMBER
2155	

DATE MAILED: 10/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/092,709	CROUSE-KEMP ET AL.	
	Examiner	Art Unit	
	Michael Y. Won	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *07 March 2002*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-24* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-24* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *2/4/04*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-24 have been examined and are pending with this action.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Kahn et al. (US 6,135,646 A).

INDEPENDENT:

As per ***claim 1***, Kahn teaches a registration system for assigning unique signature identifications to objects in a multi-media communication network to enable subscribers to access multi-media objects that are stored in storage systems served by said communication network, comprising:

means for receiving data, comprising an object, at said registration system (see col.8, lines 15-19);

means for registering said object by generating a unique signature identification for said received object comprising a digital code of predetermined length (see col.8, lines 58-65 and col.10, lines 59-60), comprising:

means for generating an object payload comprising object-specific information,

means for inserting a digital code that identifies said registration system, and

means for assigning a registrar-specific digital code to uniquely identify said received object (see col.11, lines 6-15).

As per ***claim 7***, Kahn teaches a method of operating a registration system for assigning unique signature identifications to objects in a multi-media communication network to enable subscribers to access multi-media objects that are stored in storage systems served by said communication network, comprising the steps of:

receiving data, comprising an object, at said registration system (see col.8, lines 15-19);

registering said object by generating a unique signature identification for said received object comprising a digital code of predetermined length (see col.8, lines 58-65 and col.10, lines 59-60), comprising:

generating an object payload comprising object-specific information,

inserting a digital code that identifies said registration system, and

assigning a registrar-specific digital code to uniquely identify said received object (see col.11, lines 6-15).

As per ***claim 13***, Kahn teaches a registration system for assigning unique signature identifications to objects in a multi-media communication network to enable

subscribers to access multi-media objects that are stored in storage systems served by said communication network, comprising:

means for receiving data, comprising an object, at said registration system (see col.8, lines 15-19);

means for registering said object by generating a unique signature identification for said received object comprising a digital code of predetermined length (see col.8, lines 58-65 and col.10, lines 59-60), comprising:

means for generating a segment of said unique signature identification that comprises a set of immutable data (see Fig.6 and col.11, lines 6-8), and

means for generating a segment of said unique signature identification that comprises a set of dynamic data comprising object-specific information that can vary during the existence of said object.

As per ***claim 19***, Kahn teaches a method of operating a registration system for assigning unique signature identifications to objects in a multi-media communication network to enable subscribers to access multi-media objects that are stored in storage systems served by said communication network, comprising:

receiving data, comprising an object, at said registration system (see col.8, lines 15-19);

registering said object by generating a unique signature identification for said received object comprising a digital code of predetermined length (see col.8, lines 58-65; col.10, lines 59-60; and col.11, lines 6-12), comprising:

generating a segment of said unique signature identification that comprises a set of immutable data (see Fig.6 and col.10, lines 50-60: "should be essentially permanent" and col.11, lines), and

generating a segment of said unique signature identification that comprises a set of dynamic data comprising object-specific information that can vary during the existence of said object (see Fig.6 and col.11, line 10-12: "timestamp").

DEPENDENT:

As per ***claims 2 and 8***, which depend on claims 1 and 7, respectively, Kahn further teaches wherein said means for registering further comprises: means for combining said object payload, said digital code that identifies said registration system, said registrar-specific digital code, each having a predetermined length, in a predetermined order (see Fig.6 and col.11, lines 16-19).

As per ***claims 3, 9, 15, and 21***, which depend on claims 1, 7, 13, and 19, respectively, further teaches wherein said object comprises one of a media asset (see col.13, lines 5-7) and a subscriber application (see col.12, lines 47-50), further comprising:

means for storing said received object in a storage medium for access by subscribers (see col.7, line 67-col.8, line 3; col.11, lines 16-19; and col.12, lines 12-13); and

means for indexing and describing said stored received object using said unique signature identification (see col.8, lines 44-46).

As per ***claims 4, 10, 16, and 22***, which depend on claims 3, 9, 13, and 19, respectively, Kahn further teaches wherein said object comprises a media asset (see col.13, lines 5-7), said means for generating an object payload comprises *at least one of*:

means for generating content expiry data that defines a date when said object is no longer available for access by said subscribers (see col.26, lines 26-28);

means for generating a content rating that defines characteristics of a content of said object;

means for generating quality of service data; and

means for generating version data that identifies a version of said received object.

As per ***claims 5, 11, 17, and 23***, which depend on claims 3, 9, 16, and 22, respectively, Kahn further teaches wherein said object comprises a subscriber application (see col.12, lines 47-50), said means for generating an object payload comprises *at least one of*:

means for generating subscriber ratings data;

means for generating subscriber permissions data (see col.11, lines 13-15);

means for generating subscriber device data;

means for generating subscriber service provider identification data.

As per ***claims 6, 12, 18, and 24***, which depend on claims 3, 9, 16, and 19, respectively, Kahn teaches of further comprising:

means, responsive to receipt of a query from a subscriber where said query includes a unique signature identification for an object, for identifying an object stored on said storage medium that corresponds to said unique signature identification included in said query (see col.9, lines 10-18);

means, responsive to receipt of a query from a subscriber where said query includes a unique signature identification for said subscriber, for identifying object access permissions for said subscriber that corresponds to said unique signature identification included in said query (see col.2, lines 31-32 and col.9, lines 44-48); and

means for retrieving said stored object from said storage medium where said subscriber's object access permissions authorize access (implicit: see col.6, lines 22-24 & 40-43; and col.8, lines 2-3).

As per ***claims 14 and 20***, which depend on claims 13 and 19, respectively, further teaches wherein said means for registering further comprises: means for combining said segment of said unique signature identification that comprises a set of immutable data, said segment of said unique signature identification that comprises a set of dynamic data, each having a predetermined length, in a predetermined order (see Fig.6 and col.11, lines 16-19).

Conclusion

3. Claims 1-24 have been rejected and are pending.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Y. Won whose telephone number is 571-272-3993. The examiner can normally be reached on M-Th: 7AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Michael Won

SALEH NAJJAR
PRIMARY EXAMINER

September 22, 2005